07-28-2006 ON:35P	M FROM-RatnerPrest	ia ·			6104070701	T=725 P.004	1/005 F-671	
JUL 2	this form, together to 8 2006	vita applicable	or	<u>Fax</u>	Mail Stop ISSUE Commissioner fo P.O. Box 1450 Alexandría, Virg (571)-273-2885	r Patents inia 22313-1450		
INSTRUCTIONS Plais for appropriate. All further to indicated unless corrected maintenance fee notification	medical be used for transfer of the second o	nsmitting the ISSU Patent, advance or e in Block 1, by (a	JE FEE and Feders and notif a) specifying a				5 should be completed who tent correspondence address separate "FEE ADDRESS"	
	75 ADDRESS (Note: Use Block 1 for 05/04/2006	r any thenge of address)			have its own certificate Cer	u paper, such us an assign c of mailing or transmissio tificate of Mailing or Tr:	of for domestic mailings of the domestic maili	
P O BOX 980 VALLEY FORGE				ı	I hereby certify that the States Postal Service valdiressed to the Mail transmitted to the USP	is Fee(s) Transmittal is be with sufficient postage for Stop ISSUE FEE addre TO (571) 273-2885, on the	eing deposited with the Units first class mail in an envelop ess above, or being farsima to date indicated below.	
					Kathleer		(Depositor's mune	
					Kothlee		(Signature	
APPLICATION NO.				,	July 28,	2006,	(Dette	
	FILING DATE		FIRST NAMED		TOR	ATTORNEY DOCKET NO	. CONFIRMATION NO.	
10/644,570 TITLE OF INVENTION; PI	08/20/2003	TODIACED ELE	Azron F.		IEG NØWL A GEN GO	TNT-114US	6637	
		TON EAGEN ELE	CIRICALLI	IN SEK	TES WITH A SEMICA	INDUCTOR OPTICAL A	MPLIFIER	
APPLN, TYPE	SMALL ENTITY	ISSUE FE	E	Pul	BLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	YES	\$700	_		\$300	\$1000 1.5	08/04/2006	
EXAM	INER	ART UNI	NIT CLASS-SUBCLASS			\$1,015.00)	
HUGHES, DI		3663	372-046010					
 Change of correspondence CFR 1.363). 	address or indication of "Fe	e Address" (37				O ISESTANCE DOGGO	1 1869-1376	
Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.			(2) the pane of a single from (ASS-FC=1504) 2 300.00 UP					
Number is required. 2 registered participated Use of a Customer listed, no name				ne will	nt attorneys or agents. If no name is 3			
	RESIDENCE DATA TO B							
THE PARTY OF THE PROPERTY.	J' Ci K J. 11. Completion o	of this form is NOT	ata will appear a substitute for	rom the rfiling.	r patent. If an assigne an assignment.	c is identified below, the	document has been filed for	
(A) NAME OF ASSIGNE	E	•	(B) RESIDEN	CE: (CI	TY and STATE OR CO	OUNTRY)		
T-NETWORKS, INC. ALLENTOWN, PENNSYLVANIA U.S.A. Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Ocyamment								
lease eneck the appropriate	rzzignec category or categor	ies (will not be prin	ited on the pate	nt) :	☐ Individual ☐ Con	poration or other private g	group entity Government	
a. The following fee(s) are e	nclosed:		Payment of Fe					
☐ Issue Fcc ☐ A check in the amount of the fee(s) is enclosed. ☐ Publication Fee (No small entity discount permitted) ☐ Payment by credit card. Form PTO-2038 is attached.								
Advance Order - # of Copies 5 (\$3.00 each) The Din			The Director	ector is hereby authorized by charge the required fee(s), or credit any overpayment, to Account Number $18-9350$ (enclose an extra copy of this form).				
. Change in Entity Status (from status indicated above		Deposit Acc	OUBI IN	moer 18-93-	(enclose an ex	tra copy of this form).	
	IALL ENTITY status. See 3		6. Applicant	t is no l	onger claiming SMALI	L ENTITY status. See 37 (CFR 1.27(g)(2).	
he Director of the USPTO is IOTE: The Issue Fee and Pul iterest as shown by the recor	requested to apply the Issu- blication Fee (if required) w ds of the United States Pate	Fee and Publication of the Fee and Publication of the Accepted of and Trademark C	on Fee (if any) from anyone of office.	or to re ber tha	apply any previously the applicant, a regist	paid issue fee to the applic ered attorney or agent; or	cation identified above. the assignee or other party in	
Authorized Signature	Forth L.	-0/			DateJ	oly 28, 2006	5	
Typed or printed name	Lowell L. Ca					48,548		
his collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and abmitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete as form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FIES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, inder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information upless it displays a valid OMB control number.								
and a sperwork reconcile	DE ACT OF 1995, 60 persons	ne required to respond	and to a collect	on of i	ntormation unless it dis	splays a valid OMB contro	il number.	





one 301, One Westlakes, Berwyn P.O. Box 980 Valley Forge, PA 19482-0980 Phone: 610-407-0700 Fax: 610-407-0701 Nemours Building
1007 Orange Street, Suite 1100
P.O. Box 1596
Wilmington, DE 19899
Phone: 302-778-2500
Fax: 302-778-2600

www.ratnerprestia.com

Suite 265
Commerce Corporate Center
5100 Tilghman Street
Allentown, PA 18104
Phone: 610-530-8100

Fax: 610-530-8200

FAX FILING IN U.S. PATENT & TRADEMARK OFFICE

DATE: July 28,	2006	TIME:			
TO: Commissioner For Patents		Mail Stop Issue Fee	FAX NO.:	5 71-273-2885	
FROM:	Lowell L. Carson	ADMIN. ASST.:	Kathleen Spina		
APPLN. NO.:	10/644,570	ATTY. DOCKET NO.:	TNT-114US		
TITLE OF APPLN.: OPITCAL AMPLIFIER	PLACING A SEMICONDUCTO	OR LASER ELECTRICALLY IN SEF	LIES WITH A SEMI	CONDUCTOR	
FILING DATE:	August 20, 2003	ART UNIT:	3663		
FIRST INVENTOR:	Aaron Fisher	CONF. NO.:	6637		
TITLE OF DOCUME	NT (and List of Attachm	nents): Issue/Publication Fe	e Payment		
TRANSMITTAL SHEET (1 PG.); PTO-2038 (1 PG.); PART B-FEE(S) TRANSMITTAL (1 PG.)					

Total Number of Pages: 5 (including this form)

|--|

CONFIDENTIAL AND PRIVILEGED ATTORNEY/CLIENT INFORMATION

This facsimile transmission (and/or documents accompanying it) may contain attorney/client privileged communications and confidential business information that is intended for use only by the individual or company to whom it is addressed. Disclosure, interception, copying or any other use of this transmission by anyone other than any intended recipient is prohibited. If you receive this transmission by mistake, please notify the sender.

Please notify us immediately if you have not received the number of pages indicated above.

Typed or Printed Name

Kathleen Spina

PTC/SB/21 (09-04) (AW 10/2004)
Approved for use through 7/31/2006, OMB 0551-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE ander the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OWB control number.

							
TRANSMITTAL FORM (tresponsed for all correspondence after initial filing)			Application Number	pilcation Number 10/644,570			
			Filing Date	August 20, 2003			
			First Named Inventor	Aaron F	isher		
			Art Unit	3663			
			Examiner Name	Hughes, Deandra M.			
Total	Number of Pages in This Submission	on 5	Attorney Docket No.	TNT-114US			
	E	NCLOSURE	S (Check all that a	pply)			
	nsmittal Form ee Attached	Drawin	•		After Allowance Communication to TC		
	Amendment/Reply		ing-related Papers n		Appeal Communication to Board of Appeals and Interferences		
	ter Final fidavits/Declaration(s)		n to Convert to a ional Application		Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)		
Extension of Time Request		Power of Attorney, Revocation, Change of Correspondence Address Terminal Disclaimer		n, [Proprietary Information		
Express Abandonment Request					Status Letter Other Enclosure(s) (please		
Informati	Information Disclosure Statement		Request for Refund CD, Number of CD(s) Landscape Table on CD		identify below): PTO-FAX COVER SHEET; PTO-2038;		
Certified	Certified Copy of Priority Document(s)				PART B FEES(S) TRANSMITTAL.		
Response to Missing Parts/ Incomplete Application		Remarks:					
Response to Missing Parts under 37 CFR 1.62 or 1.53							
SIGNATURE OF APPLICANT, ATTORNEY OR AGENT							
Firm Name	RatnerPrestia						
Signature	Forellles	$\overline{\wedge}$			· · · · · · · · · · · · · · · · · · ·		
Printed Name	Lowell L. Carson						
Date	July 28, 2006		Registration	No.	18,548		
CERTIFICATE OF TRANSMISSION / MAILING							
I hereby certify that this correspondence is being facsimite transmitted to 571-273-2889 the USPTO addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:							
Signature X a.l. 1 20- Oci no a							

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, ALEXANDRIA, VA 22313-1450,

Date

July 28, 2006

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.